

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"543170".ap.	US-PGPUB	OR	OFF	2009/08/27 13:23
L3	2	"534170".ap.	US-PGPUB	OR	OFF	2009/08/27 13:23
L4	0	(keiji and macuchi). in.	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:23
L5	132	(keiji and mabuchi). in.	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:24
L6	79	(keiji and mabuchi). in. and (sony.as.)	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:24
L7	2	l6 and (memory. clm.)	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:24
L8	3	(ad adj memory). clm.	US-PGPUB	OR	OFF	2009/08/27 13:25
L9	2494	(analog same digital same memory).clm.	US-PGPUB	OR	OFF	2009/08/27 13:26
L10	2	l9 and (separate near5 pixel adj array)	US-PGPUB	OR	OFF	2009/08/27 13:26
L11	1565	348/308.ccls.	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:27
L12	241	348/308.ccls. and (analog same digital same memory)	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:27
L13	27	348/308.ccls. and (analog same digital same memory) and (separate same pixel same array)	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:27
L14	0	348/308.ccls. and (analog same digital same memory) and (separate same pixel same array) and (memory near2 scan \$4)	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:27

L15	18	"348".clas. and (analog same digital same memory) and (separate same pixel same array) and (memory near2 scan \$4)	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:27
L16	0	"348".clas. and (analog same digital same memory) and (separate same pixel same array) and (memory near2 scan \$4) and ((individual or each) near5 include\$4 near4 (analog same digital))	US-PGPUB; USPAT	OR	OFF	2009/08/27 13:28
S1	1	"534170".ap.	US-PGPUB	OR	OFF	2007/11/20 10:31
S2	411	"348".clas. and (ad same memory)	USPAT	OR	OFF	2007/11/20 10:36
S3	8	"348".clas. and (ad adj memory)	USPAT	OR	OFF	2007/11/20 12:09
S4	555	"348".clas. and (unit adj memory)	USPAT	OR	OFF	2007/11/20 12:10
S5	15	"348".clas. and ((unit adj memory) same ((a adj d) or ad or a/d or (analog adj2 digital)))	USPAT	OR	OFF	2007/11/20 12:31
S6	185	348/308.ccls. and (ad or (a adj d) or (a/d) or (analog adj2 digital) adj2 array)	USPAT	OR	OFF	2007/11/20 14:04
S7	98	348/308.ccls. and ((ad or (a adj d) or (a/d) or (analog adj2 digital) adj2 array) same (pixel adj array) or (image adj sensor adj array))	USPAT	OR	OFF	2007/11/20 14:04

S8	97	348/308.ccls. and ((ad or (a adj d) or (a/d) or (analog adj2 digital) adj array) same (pixel adj array) or (image adj sensor adj array))	USPAT	OR	OFF	2007/11/20 14:04
S9	17	348/308.ccls. and ((ad or (a adj d) or (a/d) or (analog adj2 digital) adj array) same (pixel adj array) or (image adj sensor adj array)) same (memory or buffer)	USPAT	OR	OFF	2007/11/20 14:05
S10	31	348/308.ccls. and ((ad or (a adj d) or (a/d) or (analog adj2 digital) adj array) same (pixel adj array) or (image adj sensor adj array)) same (memory or buffer)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:07
S11	15	348/308.ccls. and (((ad or (a adj d) or (a/d) or (analog adj2 digital)) adj array) same (pixel adj array) or (image adj sensor adj array)) same (memory or buffer)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:08
S12	0	348/308.ccls. and ((ad or (a adj d) or (a/d) or (analog adj2 digital)) adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:08
S13	0	348/308.ccls. and ((ad or (analog adj2 digital)) adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:08
S14	7	348/308.ccls. and ((ad or (analog adj2 digital)) adj2 array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:37
S15	1	"6970196".pn. and (analog)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:14

S16	14	348/308.ccls. and ((ad or (analog adj2 digital) or adc or a/d) adj2 array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:37
S17	7	S16 not S14	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:25
S18	1	"6977685".pn. and (analog of ad or adc of a/d)	USPAT	OR	OFF	2007/11/20 14:22
S19	1	"6977685".pn. and (analog or ad or adc of a/d)	USPAT	OR	OFF	2007/11/20 14:22
S20	1	"6847398".pn. and array	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:27
S21	1	"6847398".pn. and array and a/d	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:28
S22	255	((ad or (analog adj2 digital)) adj2 array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:37
S23	115	((ad or (analog adj2 digital) or adc or a/d) adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:37
S24	5	((ad or (analog adj2 digital) or adc or a/d) adj array) same ((pixel adj array) or (image adj sensor adj array))	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:40
S25	5	((ad or (analog adj2 digital) or adc or a/d) adj array) same ((pixel adj array) or (image adj sensor))	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:40
S26	3	((ad or (analog adj2 digital) or adc or a/d) adj array) same (image adj sensor)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:41
S27	115	((ad or (analog adj2 digital) or adc or a/d) adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:43
S28	15	"348".clas. and ((ad or (analog adj2 digital) or adc or a/d) adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:53
S29	3	((ad or (analog adj2 digital) or adc or a/d) adj array) same (two adj dimension \$4)	US-PGPUB; USPAT	OR	OFF	2007/11/20 15:15

S30	1	"6275259".pn.	US-PGPUB; USPAT	OR	OFF	2007/11/20 15:15
S31	1	"6757018".pn.	US-PGPUB; USPAT	OR	OFF	2007/11/20 15:17
S32	1	"6275259".pn. and memory	US-PGPUB; USPAT	OR	OFF	2007/11/20 15:30
S33	1	"6275259".pn. and buffer	US-PGPUB; USPAT	OR	OFF	2007/11/20 16:38
S34	0	"6275259".pn. and scan\$4 and read\$4	US-PGPUB; USPAT	OR	OFF	2007/11/20 16:38
S35	1	"6275259".pn. and (scan\$4 or read\$4)	US-PGPUB; USPAT	OR	OFF	2007/11/20 16:42
S36	1	"6757018".pn. and (scan\$4 or read\$4)	US-PGPUB; USPAT	OR	OFF	2007/11/20 16:56
S37	1	"6606122".pn.	USPAT	OR	OFF	2007/11/20 16:56
S38	1	"7268814".pn.	USPAT	OR	OFF	2007/11/20 16:56
S39	1	"6885331".pn.	USPAT	OR	OFF	2007/11/20 16:57
S40	1	"6870565".pn.	USPAT	OR	OFF	2007/11/20 16:57
S41	1	"6400824".pn.	USPAT	OR	OFF	2007/11/20 16:57
S42	7	(US-7136097-\$ or US-6847398-\$ or US- 6606122-\$ or US- 7268814-\$ or US- 6885331-\$ or US- 6870565-\$ or US- 6400824-\$).did.	USPAT	OR	OFF	2007/11/20 16:58
S43	4	S42 and (scan\$)	USPAT	OR	OFF	2007/11/20 16:59
S44	0	S42 and (scan\$ adj2 circuit)	USPAT	OR	OFF	2007/11/20 17:00
S45	1	S42 and (scan\$ same circuit)	USPAT	OR	OFF	2007/11/20 17:02
S46	1	S42 and (scan\$ same output same digital)	USPAT	OR	OFF	2007/11/20 17:03
S47	1	"348".clas. and (pixel adj array adj scan\$4) and (scan same digital same output)	USPAT	OR	OFF	2007/11/20 17:05
S48	0	S42 and (scan\$4 adj circuit\$1)	USPAT	OR	OFF	2007/11/20 17:05

S49	0	S42 and (scan\$4 adj means)	USPAT	OR	OFF	2007/11/20 17:05
S50	2	S42 and (read\$4 adj circuit)	USPAT	OR	OFF	2007/11/20 17:08
S51	2	S42 and (read\$4 adj circuit) and digital	USPAT	OR	OFF	2007/11/20 17:09
S52	2	S42 and (read\$4 adj circuit) and digital and output	USPAT	OR	OFF	2007/11/20 17:14
S53	0	". "	USPAT	OR	OFF	2007/11/20 17:14
S54	1	"6870565".pn. and photo\$	USPAT	OR	OFF	2007/11/20 17:16
S55	1	"6870565".pn. and photo\$ and read\$	USPAT	OR	OFF	2007/11/20 17:16
S56	1	"6870565".pn. and (photo\$ same read \$)	USPAT	OR	OFF	2007/11/20 17:17
S57	0	"6870565".pn. and (to same analog)	USPAT	OR	OFF	2007/11/20 17:17
S58	1	"6870565".pn. and (analog)	USPAT	OR	OFF	2007/11/20 17:17
S59	1	"6870565".pn. and (analog or adc)	USPAT	OR	OFF	2007/11/20 17:22
S60	1	"6870565".pn. and "150"	USPAT	OR	OFF	2007/11/20 17:34
S61	1	"6870565".pn. and (process\$ same signal\$1)	USPAT	OR	OFF	2007/11/20 17:34
S62	0	"6870565".pn. and (process\$ same signal\$1 same output)	USPAT	OR	OFF	2007/11/20 17:35
S63	1	"6870565".pn. and (process\$ same signal\$1)	USPAT	OR	OFF	2007/11/20 17:36
S64	1	"6870565".pn. and "160" and "162"	USPAT	OR	OFF	2007/11/20 17:40
S65	1	"6275259".pn. and output	USPAT	OR	OFF	2007/11/20 18:30
S66	0	"6275259".pn. and simultaneous\$3	USPAT	OR	OFF	2007/11/20 18:30
S67	1	"6757018".pn. and simultaneous\$3	USPAT	OR	OFF	2007/11/20 18:31
S68	1	"6870565".pn. and simultaneous\$3	USPAT	OR	OFF	2007/11/20 18:36

S69	119	"348".clas. and (adc or (ad adj conver\$5) or (a adj to adj d)) same simultaneous \$3	USPAT	OR	OFF	2007/11/20 18:37
S70	119	"348".clas. and ((adc or (ad adj conver\$5) or (a adj to adj d)) same simultaneous\$3)	USPAT	OR	OFF	2007/11/20 18:37
S71	7	(US-7136097-\$ or US-6847398-\$ or US-6606122-\$ or US-7268814-\$ or US-6885331-\$ or US-6870565-\$ or US-6400824-\$).did.	USPAT	OR	OFF	2007/11/21 11:18
S72	1427	"L7" and scan\$	USPAT	OR	OFF	2007/11/21 11:18
S73	15778	"L1" and scan\$	USPAT	OR	OFF	2007/11/21 11:18
S74	7	S71	USPAT	OR	OFF	2007/11/21 11:18
S75	4	S71 and scan\$4	USPAT	OR	OFF	2007/11/21 11:19
S76	2	"348".clas. and ((pixel adj2 array) same ((ad or (analog adj2 digital) or adc or a/d adj array))	USPAT	OR	OFF	2007/11/21 11:20
S77	21	"348".clas. and ((pixel adj2 array) and ((ad or (analog adj2 digital) or adc or a/d adj2 array))	USPAT	OR	OFF	2007/11/21 11:20
S78	29	"348".clas. and ((pixel adj2 array) and ((ad or (analog adj2 digital) or adc or a/d adj2 array))	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:21
S79	17	"348".clas. and ((pixel adj2 array) and ((ad or (analog adj2 digital) or adc or a/d adj2 array)) and scan\$4	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:34
S80	1	"7268814".pn. and circuit\$	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:26

S81	1	"6977685".pn. and (pixel adj array) and (adc)	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:29
S82	0	"6275259".pn. and dram	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:34
S83	0	"6757018".pn. and dram	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:34
S84	0	"6870565".pn. and dram	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:44
S85	1	"6870565".pn. and noise	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:45
S86	1	"6275259".pn. and noise	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:57
S87	1	"6757018".pn. and noise	US-PGPUB; USPAT	OR	OFF	2007/11/21 11:47
S88	1	"6870565".pn. and read\$	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:07
S89	0	(read\$4 or scan\$4) adj4 (pixel adj array) same (row adj2 by)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:07
S90	0	(read\$4 or scan\$4) same (pixel adj array) same (row adj2 by)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:07
S91	1463	(read\$4 or scan\$4) same (pixel adj array) same (row)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:08
S92	0	(read\$4 or scan\$4) same (pixel adj array) same (by adj2 row)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:08
S93	0	(read\$4 or scan\$4) same (pixel adj array) same (by adj5 row)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:11
S94	1463	(read\$4 or scan\$4) same (pixel adj array) same (row)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:11
S95	475	(read\$4 or scan\$4) adj3 row same (pixel adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:12
S96	49	(read\$4 or scan\$4) adj3 row adj3 (pixel adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:12



S97	24	"348".clas. and (read \$4 or scan\$4) adj3 row adj3 (pixel adj array)	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:26
S98	0	"7103372".pn. and output	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:17
S99	5	"534170".ap.	US-PGPUB; USPAT	OR	OFF	2007/11/21 12:46
S100	1	"6870565".pn.	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:49
S101	1	"7268814".pn. and noise	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:50
S102	0	"7268814".pn. and (noise same adc)	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:50
S103	1	"6870565".pn. and (noise same adc)	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:56
S104	0	"348".clas. and (adc same (noise))	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:57
S105	763	"348".clas. and (adc same (noise))	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:57
S106	4	"348".clas. and (adc same (noise adj removal))	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:58
S107	4	"348".clas. and (adc same (noise adj2 removal))	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:58
S108	39	"348".clas. and (adc same (remov\$4 adj noise))	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:58
S109	9	"348".clas. and (adc adj5 (remov\$4 adj noise))	US-PGPUB; USPAT	OR	OFF	2007/11/21 13:58
S110	1	"729577".ap. and temporally.clm.	US-PGPUB	OR	OFF	2007/11/21 14:45
S111	4	"534170".ap.	USPAT	OR	OFF	2008/06/03 14:11
S112	2	"534170".ap.	US-PGPUB	OR	OFF	2008/06/03 14:11
S113	0	(keiji and macuchi). in.	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:13

S114	250	(keiji and mabuchi). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:14
S115	175	S114 and sony.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:14
S118	0	S115 and (ad.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:18
S119	12	S115 and (analog. clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:18
S120	9	S115 and (analog same digital).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:18
S121	1	S120 and memory. clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/03 14:18
S122	3	(unit adj memories). clm. and (digital convert\$4).clm.	US-PGPUB	OR	OFF	2008/06/03 14:32
S123	2	"218837".ap.	US-PGPUB	OR	OFF	2008/06/03 20:00
S124	2	"534170".ap.	US-PGPUB	OR	OFF	2008/11/04 10:15
S125	0	"7106372".pn.	US-PGPUB	OR	OFF	2008/11/04 11:29
S126	1	"7106372".pn.	US-PGPUB; USPAT	OR	OFF	2008/11/04 11:29
S127	1	"7262805".pn. and zoom	USPAT	OR	OFF	2008/11/20 15:40

S128	1	"7262805".pn. and (zoom adj lens)	USPAT	OR	OFF	2008/11/20 15:40
S129	1	"7262805".pn. and (initialization)	USPAT	OR	OFF	2008/11/21 11:37
S130	0	"7262805".pn. and (start\$4)	USPAT	OR	OFF	2008/11/21 11:37
S131	0	"7262805".pn. and (initial\$5)	USPAT	OR	OFF	2008/11/21 11:38
S132	1	"7262805".pn. and (initial\$7)	USPAT	OR	OFF	2008/11/21 11:38
S133	1	"7262805".pn. and (motor\$3)	USPAT	OR	OFF	2008/11/21 11:57
S134	1	"7262805".pn. and (zoom)\	USPAT	OR	OFF	2008/11/21 12:02
S135	1	"7262805".pn. and (zoom)	USPAT	OR	OFF	2008/11/21 12:02

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